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1. **Linear discriminant analysis for improved large vocabulary continuous speech recognition**
Haeb-Umbach, R.; Ney, H.;
Acoustics, Speech, and Signal Processing, 1992. ICASSP-92., 1992 IEEE International Conference on
Volume 1, 23-26 March 1992 Page(s):13 - 16 vol.1
Digital Object Identifier 10.1109/ICASSP.1992.225984
[AbstractPlus](#) | Full Text: [PDF\(308 KB\)](#) IEEE CNF
2. **Two nonparametric methods for identifying the impulse response of linear systems**
Bhargava, U.; Kashyap, R.; Goodman, D.;
Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing],
IEEE Transactions on
Volume 35, Issue 7, Jul 1987 Page(s):974 - 986
[AbstractPlus](#) | Full Text: [PDF\(1280 KB\)](#) IEEE JNL
3. **Bounds on Quantizer Performance in the Low Bit-Rate Region**
Noll, P.; Zelinski, R.;
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Volume 26, Issue 2, Feb 1978 Page(s):300 - 304
[AbstractPlus](#) | Full Text: [PDF\(536 KB\)](#) IEEE JNL
4. **The Design of Predictive Trellis Waveform Coders Using the Generalized Lloyd Algorithm**
Ayanoglu, E.; Gray, R.;
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Volume 34, Issue 11, Nov 1986 Page(s):1073 - 1080
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5. **Bounds onR_1 (D)functions for speech probability models (Corresp.)**
Abut, H.; Erodol, N.;
Information Theory, IEEE Transactions on
Volume 25, Issue 2, Mar 1979 Page(s):225 - 228
[AbstractPlus](#) | Full Text: [PDF\(592 KB\)](#) IEEE JNL
6. **Detection of object boundaries in synthetic aperture radar imagery using a human visual model**
Bovik, A.;
Acoustics, Speech, and Signal Processing, IEEE International Conference on ICASSP '86.
Volume 11, Apr 1986 Page(s):2055 - 2058
[AbstractPlus](#) | Full Text: [PDF\(280 KB\)](#) IEEE CNF

- 7. Robust estimation of the acoustic attenuation parameter**
Patton, S.;
Acoustics, Speech, and Signal Processing, IEEE International Conference on ICASSP '87.
Volume 12, Apr 1987 Page(s):1716 - 1719
[AbstractPlus](#) | Full Text: [PDF\(248 KB\)](#) IEEE CNF
- 8. Adaptive reception of wireless CDMA signals using empirical detection**
Lin Yue; Johnson, D.H.;
Acoustics, Speech, and Signal Processing, 1998. ICASSP '98. Proceedings of the 1998 IEEE International Conference on
Volume 6, 12-15 May 1998 Page(s):3205 - 3208 vol.6
Digital Object Identifier 10.1109/ICASSP.1998.679546
[AbstractPlus](#) | Full Text: [PDF\(356 KB\)](#) IEEE CNF
- 9. Type-based detection in macro-diversity reception for mobile radio signals**
Lin Yue; Johnson, D.H.;
Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International Conference on
Volume 5, 21-24 April 1997 Page(s):4013 - 4016 vol.5
Digital Object Identifier 10.1109/ICASSP.1997.604819
[AbstractPlus](#) | Full Text: [PDF\(356 KB\)](#) IEEE CNF
- 10. A new approach to the optimal modeling of sound propagation in the random ocean**
de Figueiredo, R.J.P.; Chen, G.;
Acoustics, Speech, and Signal Processing, 1990. ICASSP-90., 1990 International Conference on
3-6 April 1990 Page(s):2931 - 2934 vol.5
Digital Object Identifier 10.1109/ICASSP.1990.116240
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- 11. Optimal quantizer step sizes for transform coders**
Hung, A.C.; Meng, T.H.-Y.;
Acoustics, Speech, and Signal Processing, 1991. ICASSP-91., 1991 International Conference on
14-17 April 1991 Page(s):2621 - 2624 vol.4
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[AbstractPlus](#) | Full Text: [PDF\(616 KB\)](#) IEEE CNF
- 12. Subband coding of video using an edge-based vector quantization technique for compression of the upper bands**
Mohsenian, N.; Nasrabadi, N.M.;
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Volume 3, 23-26 March 1992 Page(s):233 - 236 vol.3
Digital Object Identifier 10.1109/ICASSP.1992.226208
[AbstractPlus](#) | Full Text: [PDF\(252 KB\)](#) IEEE CNF
- 13. Boundary description and measurement with sub-pixel/-voxel accuracy**
Mullikin, J.C.;
Pattern Recognition, 1992. Vol.III. Conference C: Image, Speech and Signal Analysis, Proceedings., 11th IAPR International Conference on
30 Aug.-3 Sept. 1992 Page(s):6 - 8
Digital Object Identifier 10.1109/ICPR.1992.201914
[AbstractPlus](#) | Full Text: [PDF\(196 KB\)](#) IEEE CNF
- 14. Trellis source codes designed by conjugate gradient optimization**
Freeman, G.H.; Mark, J.W.; Blake, I.F.;
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[AbstractPlus](#) | Full Text: [PDF\(1116 KB\)](#) IEEE JNL

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Miller, D.; Rose, K.; Chou, P.A.;

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Volume v, 19-22 April 1994 Page(s):V/261 - V/264 vol.5

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- L3: (1) 1 and 2
- L4: (16) background adj noise adj model
- L5: (366415) background adj noise adj model and speech model
- L6: (5) background adj noise adj model and speech adj model
- L7: (47) laplac\$ adj;3 model
- L8: (4) laplac\$ adj;3 model and "704"/s.ccls.
- L9: (19) background adj2 model and speech adj model
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- L13: (48) 12 and model

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U	1	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval Cl	Inventor	S	C	P	3	1
1		US 6954745 B2	20051011	41	Signal processing system	706/22	706/45		Rajan, Jebu Jacob	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2		US 6950785 B1	20050927	67	Nonlinear systems, method of design thereof and computer program	703/2			Billings, Stephen Alec et al	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3		US 6882992 B1	20050419	84	Neural networks for intelligent control	706/48	706/18		Werbos, Paul J.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4		US 6878952 B2	20050412	22	Sound source separation using convolutional mixing and a prior	704/222	381/66, 381/71, 1		Acero, Alejandro et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5		US 6822415 B1	20041123	48	Motor controller	318/629	318/580, 318/603, 455/323		Komiya, Takehiko et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6		US 6813485 B2	20041102	201	Method and system for down-converting and un-converting	455/313	455/118, 455/323		Sorells, David F. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7		US 6733481 B2	20040511	26	Methods and apparatus for measuring arterial compliance in	600/490	128/920, 600/300		Bratteli, Chnstopher W.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8		US 6711536 B2	20040323	29	Speech processing apparatus and method	704/210	704/233, 704/253		Rees, David Llewellyn	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9		US 6653091 B1	20031125	35	Method and device for predicting physiological values	435/14	204/400, 205/777, 5		Dunn, Timothy C. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10		US 6594103 B1	20030715	41	Read channel generating absolute value servo signal	360/77.06	360/53, 360/65		Despain, Alvin M. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11		US 6560575 B1	20030506	27	Speech processing apparatus and method	704/241	704/221, 704/237		Keiler, Robert Alexander	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12		US 6560353 B1	20030506	11	Method of MRI image	382/128	382/131		Haacke, E. Mark et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval Cl	Inventor	S	C	P	3	1
1			US 6928409 B2	20050809	8	Speech recognition using polynomial expansion and hidden	704/256	704/231, 704/242		Barron, David L. et al.					
2			US 6917919 B2	20050712	15	Speech recognition method	704/255	704/256		Botterweck, Henrik					
3			US 6915260 B2	20050705	10	Method of determining an algorithm for representing a pl	704/250	704/255		Botterweck, Henrik					
4			US 6850887 B2	20050201	7	Speech recognition in noisy environments	704/252	704/255		Epstein, Edward et al.					
5			US 6819863 B2	20041116	13	System and method for locating program boundaries and comm	386/46	358/908		Dagtas, Serhan et al.					
6			US 6782363 B2	20040824	11	Method and apparatus for performing real-time endpoint det	704/248	704/210, 704/215		Lee, Chin-Hui et al.					
7			US 6768979 B1	20040727	21	Apparatus and method for noise attenuation in a speech recognition	704/226			Menendez-Pidal, Xavier et al.					
8			US 6763069 B1	20040713	7	Extraction of high-level features from low-level features of multim	375/240.08	348/397.1, 382/243		Divakaran, Ajay et al.					
9			US 6760899 B1	20040706	11	Soft feature decoding in a distributed automatic speech rec	704/233	704/240, 714/780		Weerackody, Vijitha et al.					
10			US 6751588 B1	20040615	17	Method for performing microphone conversions in a spee	704/233	704/226, 704/234		Menendez-Pidal, Xavier et al.					
11			US 6751580 B1	20040615	9	Tornado recognition system and associated methods	703/2	340/601		Cope, R. Bradley et al.					
12			US 6725186 B2	20040420	38	Pattern matching method and	704/242	704/238		Keiller, Robert Alexander					